

KRX-2 PROGRAMMABLE CROSSOVER  
PRELIMINARY OPERATING INSTRUCTIONS

KRELL INDUSTRIES, INC.

The Krell crossover is a unique device. This is a completely adjustable device for frequency and slope. This is a user adjustable crossover. By the use of multiple dip switches you can adjust 6, 12, 18 DB s per octave around the crossover frequency. The user can also select eight different frequencies in each band pass. This crossover can be used as a stereo three way or two way or as a balanced single channel three way or two way. The dip switches are numbered 1-12 for each channel. Each group of slopes can be changed to 6 12 or 18 dbs per octave as is required. Refer to figure 1. In figure 1 you can see the orientation of the dip switches and at the top of the page there is a frequency break drawing. The breaks are drawn and at the end of the break to be adjusted is a numerical nomenclature denoting which group of dip switches that effect the individual slopes. The following tables give the programing adjustments for the the various frequencies. Starting with 18 db per octave and working down to 6db per octave.

The following adjustment is to be made the same on all switch numbers named in the group.

switch 1,2,3,adjustment	- 3 db at 18 db per octave.
1-----	no adjustment leave open.
2-----	50 HZ.
3-----	85 HZ.
4-----	130 HZ.
5-----	170 HZ.
6-----	260 HZ.
7-----	400 HZ.
8-----	730 HZ.
switch 4,5,6,adjustment	
1-----	no eq.
2-----	430
3-----	680
4-----	940
5-----	1500
6-----	1900

7-----2800

8-----5000

switch 7,8,9, adjustment

1-----50

2-----85

3-----130

4-----170

5-----260

6-----400

7-----730

8 open-----no eq

switch 10,11,12, adjustment

1-----430

2-----680

3-----940

4-----1500

5-----1900

6-----2800

7-----5000

8-----8000

The next group of adjustments are for 12 db per octave.

Set switch 3 for position 1 on only for all 12 db

adjustments

adjust switch 1,2.

1-----no eq.

2-----66

3-----113

4-----173

5-----226  
6-----345  
7-----531  
8-----970

Set switch 6 to 1 for all 12 db adjustments  
adjust switch 4,5.

1-----no eq  
2-----570  
3-----900  
4-----1250  
5-----1990  
6-----2520  
7-----3718  
8-----6640

set switch 9 for all open for all 12 db adjustments  
adjust switch 7,8

1-----34  
2-----65  
3-----88  
4-----113  
5-----173  
6-----268  
7-----461  
8-----open

set switch 12 for all open for all 12 db adjustments  
adjust switch 10,11

1-----254  
2-----495

3-----646  
4-----1032  
5-----1514  
6-----1995  
7-----3440  
8-----5504

adjust for 6 db per octave.  
adjust switch 1 & 2 to 1 for all 6 db adjustments.  
Adjust switch 3

1-----no eq  
2-----66  
3-----113  
4-----173  
5-----226  
6-----345  
7-----531  
8-----969

Set 4 & 5 to 1 for all 6 db adjustments  
adjust switch 6

1-----no eq  
2-----571  
3-----903  
4-----1250  
5-----1992  
6-----2523  
7-----3718  
8-----6640

Set switch 7 & 8 to all open  
adjust switch 9

1-----	34
2-----	51
3-----	88
4-----	110
5-----	180
6-----	268
7-----	461
8-----	open

Switch 10 & 11 all open for 6 db per octave  
adjust switch 12

1-----	254
2-----	495
3-----	646
4-----	1032
5-----	1514
6-----	1995
7-----	3440
8-----	5500

